



The project involved refurbishment of Scarborough Station, track layout and the track drainage system. Work included

Drainage run No.1: Cess drainage through Platform 5 from the outfall under the bus station car park out towards York, then cross drain to pick up the isolated 6ft drainage between the signal post and truck counter.

Drainage run No.2: A 6ft drain from the end of Platform 2 running away towards York to an outfall beyond the old signal box.

Project Summary

The installation of 541m of TerraDrain and TerraLine involved the use of new products and ideas.

1. The use of 355mm & 450mm TerraDrain at shallow depths to enable the maintenance of the 1/500 gradient required to achieve a self-cleaning velocity.
2. The use of rodding eyes every 30m between catch-pits
3. The use of light weight GRP Catch-pits with open GRP grates, one every 60m

From order to completion of deliveries took 3 weeks.



Project Overview

- NAME: Scarborough Station remodelling
- CLIENT: Network Rail (York)
- CONTRACTOR: Balfour Beatty Rail Ltd
- CONSULTANT: Atkins (York)

Products used

- **TerraDrain 17**
17.6 HP PAT D FPO:
355mm and 400mm
- **TerraLine 11**
FPO 355 & 400mm
- **Couplers**
355 & 400mm
- **TerraPits**
Lower Base, Upper Base, Intermediate Section & Top Section, Open GRP grate
- **Fabrication**
355mm mitred 45° Elbow, 355mm 'T' junction,
355mm x 180mm rodding eye, 400mm x 180mm
rodding eye, 400mm x 1.5M odd leg 7° junction
- **Flexi couplers**